



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANTS: Charles J. O'Connor, et al.

DATE: November 5, 2001

SERIAL NO.: 09/829,401

GROUP ART UNIT: 1711

FILED: April 9, 2001

EXAMINER:

FOR: "Sequential Synthesis of Core-Shell Nanoparticles Using Reverse Micelles"

ATTORNEY DOCKET NO.: A99356US (98016.12)

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**PRELIMINARY AMENDMENT  
AND RESPONSE TO NOTICE TO FILE MISSING PARTS**

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

This is an amendment and response to the notice mailed from the U.S. Patent Office on June 5, 2001 in the above-referenced application.

**AMENDMENT**

Please amend the application as follows:

**IN THE CLAIMS:**

Please amend the claims to read as follows:

- 1. A method of using reverse micelles as nano-reactors for the growth of metal colloids comprising:
- growing a magnetic core material; and
- coating the surface with a diamagnetic coating.
2. The method of claim 1, wherein the magnetic core material is from the group consisting of

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